

ITW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
Group Art Unit 2681

In re

Patent Application of

Dr. Seyed A. Zekavat

Application No. 10/848,749

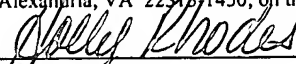
Confirmation No.: 4641


Filed: May 19, 2004

Examiner: David Q. Nguyen

“WIRELESS LOCAL POSITIONING
SYSTEM”

I, Holly Rhodes, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.


Signature


Date of Signature

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR §1.97(c) and (e)(1)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Sir:

The Examiner's attention is directed to the references which are listed on the attached Form PTO/SB/08A and/or PTO/SB/08B and copies of which are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Respectfully submitted,


Daniel S. Jones
Reg. No. 42,697

File No. 066040-9763-02
Michael Best & Friedrich LLP
100 East Wisconsin Avenue
Milwaukee, Wisconsin 53202-4108
(414) 271-6560

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/848,749
				Filing Date	May 19, 2004
				First Named Inventor	Dr. Seyed A. Zekavat
				Group Art Unit	2681
				Examiner Name	Dr. Seyed A. Zekavat
				Attorney Docket Number	066040-9763-02
Sheet	1	of	2		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		PAUL SHARKE, "Smart Cars," Mechanical Engineering, March 2003, pp. 50-52
		HOSSEIN JULA, ELIAS B. KOSMATOPOULOS, and PETROS A. IOANNOU, "Collision Avoidance Analysis for Lane Changing and Merging," IEEE Transactions on Vehicular Technology, November 2000, pp. 2295-2308, Vol. 49, No. 6
		ALEXANDER KANARIS, ELIAS B. KOSMATOPOULOS, and PETROS A. IOANNOU, "Strategies and Spacing Requirements for Lane Changing and Merging in Automated Highway Systems," IEEE Transactions on Vehicular Technology, November 2001, pp. 1568-1581, Vol. 50, No.6
		KEIJI SANEYOSHI, "Drive Assist System Using Stereo Image Recognition," IEEE Intelligent Vehicle Symp., pp. 230-235, Sept. 19-20, 1996
		"Car, Open Your Eyes," Hightech Report, February 2002, pp. 24-27
		HERMANN ROHLING, MARC-MICHAEL MEINECKE, MICHAEL KLOTZ, and URS LÜBBERT, "Research Activities in Automotive Radar," IEEE MSMW 2001 Symposium Proceedings, June 4-9, 2001, pp.48-51, Kharkov, Ukraine
		MANABU SEKINE, TETSUO SENOO, IKUHIRO MORITA, and HIROSHI ENDO, "Design Method for an Automotive Laser Radar System and Future Prospects for Laser Radar," Intelligent Vehicles Symposium '92, pp. 120-125, June 29 - July 1, 1992
		STEPHEN P. REICHHART, BRUCE YOUMANS, and ROGER DYGERT, "The Software Radio Development System," IEEE Personal Communications, August 1999, pp. 20-24,
		LAL. C. GODARA, "Application of Antenna Arrays to Mobile Communications, Part II: Beam-Forming and Direction-of-Arrival Considerations," PROCEEDINGS OF THE IEEE, August 1997, pp. 1195-1245, Vol. 85, No. 8.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/848,749
				Filing Date	May 19, 2004
				First Named Inventor	Dr. Seyed A. Zekavat
				Group Art Unit	2681
				Examiner Name	Dr. Seyed A. Zekavat
Sheet	2	of	2	Attorney Docket Number	066040-9763-02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
		MERRILL I. SKOLNIK, "Introduction to Radar Systems," 1962, pp 2-3, Second Edition, McGraw-Hill, Inc., Singapore
		IMAD ELHAJJ, JINDONG TAN, YU SUN, and NING XI, "Supermedia Enhanced Human/Machine Cooperative Control of Robot Formations," Proceedings of the IEEE International Conference on Intelligent Robots and Systems EPFL, October 2002, Lausanne, Switzerland, pp. 1296-1301
		SEYED A. ZEKAVAT, "Mobile Base Station (MBS) Wireless with Applications in Vehicle Early Warning Systems," Proceedings the University of Texas at Austin 2003 Wireless Networking Symposium, Oct. 22-24, 2003
		SEYED A. ZEKAVAT, "A Novel Application for Wireless Communications in Vehicle Early Warning," IEEE Consumer Communications and Networking 2004, Las Vegas, NV, Jan. 5-8, 2004
		SEYED A. ZEKAVAT, HUI TONG, and JINDONG TAN, "A Novel Wireless Local Positioning System for Airport (Indoor) Security," Proceedings of SPIE Conference on Defense and Security 2004, April 12-16, 2004, Orlando FL
		SEYED A. ZEKAVAT, and HUI TONG, "Wireless Local Positioning System via DS-CDMA and Beamforming: A Perturbation Analysis," Submitted to IEEE Globecom04, November 29 - December 3, 2004, Dallas, TX
		COMMISSIONER MICHAEL J. COPPS, and COMMISSIONER KEVIN J. MARTIN, Revision of Part 15 of the Commission's Rules Regarding Ultra-Wideband Transmission Systems, "First Report and Order," pp. 2-118
		SEYED A. ZEKAVAT, JINGDONG TAN, and HUI TONG, "A Mobile Positioning System for Unmanned Vehicle Cooperation," SPIE symposium on Defense and Security, 2004

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.